

State Form 52534 (2-06)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM - Office of Air Quality - Permits Branch 100 N. Senate Avenue, Indianapolis, IN 46204

Telephone: (317) 233-0178 or
Toll Free: 1-800-451-6027 x30178 (within Indiana)
Facsimile Number: (317) 232-6749
www.lN.gov/idem/air/permits/index.html

- The purpose of this form is to obtain detailed information about the process. Complete one form for each process unit (or group of identical process units). This is required form.
- Detailed instructions for this form are available online at www.in.gov/idem/air/permits/apps/instructions/pi01instructions.html.
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	PART A: Process	nformation					
Part A identifies the process. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.							
1.	Unit ID: Unit 803 (Cooling Tower 2)	2. Installation Date: Unknown (actual or anticipated)					
3.	How many <i>(identical)</i> process	More than one (specify number):					
4.	Process Description						
	Existing Cooling Tower: A drift eliminator will be applied to t	his unit.					
5.	Maximum Production Rate (specify units): 50000.00	GPM					
	Fuel Used: ☐ Not Applicable ☐ Natural Gas Only	Other - Attach completed PI-02F form.					
1.	Add-On Control Technology: Identify all control technologies	used for this unit, and attach completed CE-01 (unless "none").					
	None	•					
	Baghouse / Fabric Filter — Attach CE-02.	Cyclone – Attach CE-03.					
	Electrostatic Precipitator - Attach CE-04.	Absorption / Wet Collector / Scrubber - Attach CE-05.					
	Oxidizer / Incinerator — Attach CE-06.	Adsorber – Attach CE-07.					
	Condenser – Attach CE-08.	Reduction - Attach CE-09.					
	Other (specify): Drift Eliminator	— Attach CE-10.					
8.	Control Techniques: Identify all control techniques used for	this process.					
	N/A						
9.		y acceptable process limitations. Attach additional					
	N/A						
ŧ							

	PART B:	Emission Fa	ctors	
Part B identifies all en	nission factors used to calculate ai	r emissions fr	om this proc	ess.
10. Process Unit (& ID, if applicable)	11. Air Pollutant	12. Emiss Factor		13. Source of Emission Factor (if not using AP-42, include calculations)
Cooling Tower 2	Please refer to Appendix C		, amo;	☐ AP-42 ☐ Other
(Unit 803)				☐ AP-42 ☐ Other
	AMARIAN AND AND AND AND AND AND AND AND AND A			☐ AP-42 ☐ Other
		22.20		☐ AP-42 ☐ Other
				☐ AP-42 ☐ Other
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			☐ AP-42 ☐ Other
				AP-42Other
		***************************************	Market and the second of the s	
	PART C: P	Processed Ma	iterials	
Part C identifies the m	naterials processed and the raw m	aterial usage.		是一个美国"国家军队政策和政
14. Materials Proces	ssed	eyeldiyabayal		15. Raw Materials Usage Rate (lb/hr)
Fresh/Process W				50000.00 GPM
	PART D: Fed	aral Rula Ani	alicability	
Daw Distantified any f	federal rules that apply to the proce	1 1/2/20 / 5	<u> </u>	
			<u> </u>	
	e Performance Standard (NSPS) d FED-01 for each rule that applies.		this source?	? ☐ Yes ⊠ No
40 CFR Part 60,	Subpart			
	nission Standard for Hazardous a completed FED-01 for each rule that		s (NESHAP) applicable to this ☐ Yes ☒ No
40 CFR Part <u>61</u> ,	Subpart			
40 CFR Part <u>63</u> ,	Subpart	AND STREET		
	ity Determination: Provide an expose source category), but the rule w		e process ur	nit appears subject to a rule (based on



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PART A: Process Information					
Part A identifies the process. If there are multiple process units use one form to summarize the data for the identical process units					
1. Unit ID: Unit 803 (Cooling Tower 3)	2. Installation Date: (actual or anticipated)				
3. How many (identical) process ☐ One ☐	More than one (specify number):				
4. Process Description:					
Existing Cooling Tower; A drift eliminator will be applied to t					
5. Maximum Production Rate (specify units): 90,000 GPM					
Fuel Used: ☑ Not Applicable ☐ Natural Gas Only	Other — Attach completed PI-02F form.				
7. Add-On Control Technology: Identify all control technologies	used for this unit, and attach completed CE-01 (unless "none").				
None					
Baghouse / Fabric Filter — Attach CE-02.	Cyclone – Attach CE-03.				
☐ Electrostatic Precipitator - Attach CE-04.	Absorption / Wet Collector / Scrubber - Attach CE-05.				
Oxidizer / Incinerator — Attach CE-06.	Adsorber – Attach CE-07.				
Condenser – Attach CE-08.	Reduction – Attach CE-09.				
☑ Other (specify): Drift Eliminator	— Attach CE-10.				
8. Control Techniques: Identify all control techniques used for	this process.				
9. Process Limitations / Additional Information: Identify any information if necessary					
N/A					

	mission factors used to calculate a	11 6(11)33(0) (3)	totti titis biot	cess.	
10. Process Unit (& ID, if applicable)	11. Air Pollutant	12. Emission Factor		13. Source of Emission Factor (if not using AP-42, include calculation	
		value	units		
Cooling Tower 3 (Unit 803)	Please refer to Appendix C			☐ AP-42 ☐ Other	
				☐ AP-42 ☐ Other	
				☐ AP-42 ☐ Other	
				☐ AP-42 ☐ Other	
		. 00000 0000000000000000000000000000000		☐ AP-42 ☐ Other	
				☐ AP-42 ☐ Other	
	naterials processed and the raw m	naterial usage		15 Pay Materials Heave Pete (h4)	
14. Materials Proces Fresh/Process W	······································			15. Raw Materials Usage Rate (lb/hr	
	PART D: Fed	<u></u>	plicability		
Part D identifies any	PART D: Fed federal rules that apply to the proc	<u></u>	plicability		
6. Is a New Source	2 52 22 23	ess.		? □ Yes ⊠ N	
6. Is a New Source	federal rules that apply to the proceed Performance Standard (NSPS) and FED-01 for each rule that applies.	ess.	this source	? ☐ Yes ⊠ N	
6. Is a New Source Attach a complete 40 CFR Part 60, 17. Is a National Er	federal rules that apply to the proceed Performance Standard (NSPS) and FED-01 for each rule that applies.	ess.) applicable to Air Pollutan	this source	Plandinghi to this	
6. Is a New Source Attach a complete 40 CFR Part 60, 17. Is a National Er	federal rules that apply to the proceed Performance Standard (NSPS) and FED-01 for each rule that applies. Subpart	ess.) applicable to Air Pollutan	this source	Plandinghi to this	
16. Is a New Source Attach a complete 40 CFR Part 60, 17. Is a National Er source? Attach a	federal rules that apply to the proceed Performance Standard (NSPS) and FED-01 for each rule that applies. Subpart Mission Standard for Hazardous a completed FED-01 for each rule that Subpart	ess.) applicable to Air Pollutan	this source	Plandinghi to this	
6. Is a New Source Attach a complete 40 CFR Part 60, 17. Is a National Er source? Attach a 40 CFR Part 61, 40 CFR Part 63, Non-Applicabil	federal rules that apply to the proceed Performance Standard (NSPS) and FED-01 for each rule that applies. Subpart	ess. Air Pollutan applies.	ts (NESHAF	P) applicable to this ☐ Yes ☑ N	
 Is a New Source Attach a complete 40 CFR Part 60, Is a National Er source? Attach a 40 CFR Part 61, 40 CFR Part 63, Non-Applicabil 	federal rules that apply to the proceed Performance Standard (NSPS) and FED-01 for each rule that applies. Subpart mission Standard for Hazardous a completed FED-01 for each rule that Subpart Subpart Subpart However the subpart Subpart The subpart Subpart The subpart	ess. Air Pollutan applies.	ts (NESHAF	P) applicable to this ☐ Yes ☑ No	
16. Is a New Source Attach a complete 40 CFR Part 60, 17. Is a National Er source? Attach a 40 CFR Part 61, 40 CFR Part 63, 18. Non-Applicabil	federal rules that apply to the proceed Performance Standard (NSPS) and FED-01 for each rule that applies. Subpart mission Standard for Hazardous a completed FED-01 for each rule that Subpart Subpart Subpart However the subpart Subpart The subpart Subpart The subpart	ess. Air Pollutan applies.	ts (NESHAF	P) applicable to this ☐ Yes ☑ No	
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PART A: Process Information							
Part A identifies the process. If there are multiple process use one form to summarize the data for the identical proce	units that are identical in nature, capacity, and use, you may so units.						
1. Unit ID: Unit 803 (Cooling Tower 4) 2. Installation Date: (actual or anticipated)							
3. How many (identical) process ⊠ One units are identified in this form?	☐ More than one (specify number) :						
4. Process Description:	· · · · · · · · · · · · · · · · · · ·						
Existing Cooling Tower: A drift eliminator will be applied	ed to this unit.						
5. Maximum Production Rate (specify units): 44,000	GPM						
Fuel Used: ⊠ Not Applicable ☐ Natural Gas	Only Other – Attach completed PI-02F form.						
7. Add-On Control Technology: Identify all control technol	logies used for this unit, and attach completed CE-01 (unless "none").						
□ None							
Baghouse / Fabric Filter – Attach CE-02.	Cyclone – Attach CE-03.						
☐ Electrostatic Precipitator — Attach CE-04.	☐ Absorption / Wet Collector / Scrubber — Attach CE-05.						
Oxidizer / Incinerator — Attach CE-06.	Adsorber – Attach CE-07.						
Condenser – Attach CE-08.	Reduction – Attach CE-09.						
☑ Other (specify): Drift Eliminator	— Attach CE-10.						
8. Control Techniques: Identify all control techniques us	sed for this process.						
N/A							
9. Process Limitations / Additional Information: Ident information if necessary. N/A	- 107 To Lie 17 July 1 - 17 4 July 1 - 17 - 17 1241						

	A CONTRACTOR OF THE PROPERTY O	1		I the state of the	
0. Process Unit (& ID, if applicable)	11. Air Pollutant	12. Emission Factor		13. Source of Emission Factor (if not using AP-42, include calculations)	
No Propagation Section		value	units		
Cooling Tower 4 (Unit 803)	Please refer to Appendix C			AP-42 Other	
				AP-42 Other	
***************************************	PRATITION OF A PROPERTY AND A PROPER			☐ AP-42 ☐ Other	
				☐ AP-42 ☐ Other	
				AP-42 Other	
				☐ AP-42 ☐ Other	
	DART C: D	rocessed M	atorials		
lort C identifies the m	naterials processed and the raw m			Baran Ba	
and the second second second	The state of the first and the state of the	aleriai usaye			
4. Materials Proces	<u> </u>			15. Raw Materials Usage Rate (lb/h	
Fresh/Process Wa	ater	·		44000.00 GPM	
Fresh/Process Wa	ater			44000.00 GPM	
Fresh/Process Wa	ater			44000.00 GPM	
Fresh/Process Wa	ater			44000.00 GPM	
Fresh/Process Wa	ater			44000.00 GPM	
Fresh/Process Wa	ater			44000.00 GPM	
Fresh/Process Wa	ater			44000.00 GPIVI	
Fresh/Process Wa				44000.00 GPIVI	
Fresh/Process Wa	PART D: Fedi	eral Rule Ap	oplicability		
			pplicability	44000.00 GPIVI	
art D identifies any f	PART D: Fedi	ess.			
art D identifies any f	PART D: Fedi ederal rules that apply to the proce	ess. applicable to			
Part D identifies any f	PART D: Federal rules that apply to the process Performance Standard (NSPS) of FED-01 for each rule that applies.	ess. applicable to			
eart D identifies any f 6. Is a New Source Attach a complete 40 CFR Part 60, 7. Is a National Em	PART D: Federal rules that apply to the process Performance Standard (NSPS) of FED-01 for each rule that applies.	ess. applicable to Air Pollutan	o this source	Yes ⊠ N	
Part D identifies any formation of the second secon	PART D: Federal rules that apply to the process Performance Standard (NSPS) of FED-01 for each rule that applies. Subpart hission Standard for Hazardous completed FED-01 for each rule that	ess. applicable to Air Pollutan	o this source	Yes N	
Part D identifies any formation of the second of the secon	PART D: Federal rules that apply to the process Performance Standard (NSPS) of FED-01 for each rule that applies. Subpart hission Standard for Hazardous completed FED-01 for each rule that applies.	ess. applicable to Air Pollutan	o this source	Yes N	
Part D identifies any formal of the Attach a completer 40 CFR Part 60, 7. Is a National Err source? Attach a 40 CFR Part 61, 40 CFR Part 63, 8. Non-Applicability	PART D: Federal rules that apply to the process Performance Standard (NSPS) diffed-01 for each rule that applies. Subpart	ess. applicable to Air Pollutan applies.	o this source its (NESHAP	Yes ⊠ N	
Part D identifies any formal of the Attach a completer 40 CFR Part 60, 7. Is a National Err source? Attach a 40 CFR Part 61, 40 CFR Part 63, 8. Non-Applicability	PART D: Federal rules that apply to the process Performance Standard (NSPS) of FED-01 for each rule that applies. Subpart Subpart	ess. applicable to Air Pollutan applies.	o this source its (NESHAP	Yes ⊠ N applicable to this □ Yes ⊠ N	
Part D identifies any formal of the Attach a completer 40 CFR Part 60, 7. Is a National Err source? Attach a 40 CFR Part 61, 40 CFR Part 63, 8. Non-Applicability	PART D: Federal rules that apply to the process Performance Standard (NSPS) diffed-01 for each rule that applies. Subpart	ess. applicable to Air Pollutan applies.	o this source its (NESHAP	Yes ⊠ N applicable to this □ Yes ⊠ N	
art D identifies any formal fo	PART D: Federal rules that apply to the process Performance Standard (NSPS) diffed-01 for each rule that applies. Subpart	ess. applicable to Air Pollutan applies.	o this source its (NESHAP	Yes ⊠ N applicable to this □ Yes ⊠ N	



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	PART A: Process II	nformation
	t A identifies the process. If there are multiple process units t	
1 ,	one form to summarize the data for the identical process unit Unit ID: Unit 803 (Cooling Tower 7)	2. Installation Date: TBD (actual or anticipated)
3.	units are identified in this form?	More than one (specify number) :
4.	Process Description: New Cooling Tower	
5.	Maximum Production Rate (specify units): 21000.00	GPM
<u> </u>	Fuel Used: ⊠ Not Applicable ☐ Natural Gas Only	Other - Attach completed PI-02F form.
7.	Add-On Control Technology: Identify all control technologies u	used for this unit, and attach completed CE-01 (unless "none").
	None	
	Baghouse / Fabric Filter - Attach CE-02.	Cyclone – Attach CE-03.
	☐ Electrostatic Precipitator - Attach CE-04.	Absorption / Wet Collector / Scrubber — Attach CE-05.
	Oxidizer / Incinerator — Attach CE-06.	Adsorber – Attach CE-07.
	Condenser – Attach CE-08.	Reduction — Attach CE-09.
	☑ Other (specify): Drift Eliminator	- Attach CE-10.
8.	Control Techniques: Identify all control techniques used for	this process.
9.	N/A Process Limitations / Additional information: Identify any information if necessary.	
	N/A	

Port P identifies all on	<u></u>	Emission Fa	ctors		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
art o identines air en	nission factors used to calculate air	emissions fr	om this proc	ess.			·	
10. Process Unit (& ID, if applicable)	11. Air Pollutant	12. Emiss Factor					ssion Fact oclude calcula	
Cooling Tower 7 (Unit 803)	Please refer to Appendix C.] AP-42] Other	2
(31.11.000)			A TOTAL AND A		AP-42		Other	
					AP-42] Other	
		A CARACTER AND A CARA			AP-42		Other	
				[☐ AP-42] Other	
					AP-42	<u> </u>	Other	
						-		
	PART C: Pr	rocessed Ma	iterials					
art C identifies the m	naterials processed and the raw ma			dirijs.				
4. Materials Proces	sed			15. F	Raw Mater	rials U	sage Rate	(lb/hi
Fresh/Process Wa	••••••••••••••••••••••••••••••••••••••				21000.00			
		····						
	PART D: Fede	eral Rule Apı						
Part D identifies any f	PART D: Fede ederal rules that apply to the proce	44 4	plicability					
6. Is a New Source	ederal rules that apply to the proce Performance Standard (NSPS)	ss.		1 .		,	. <u> </u>	
6. Is a New Source Attach a complete	ederal rules that apply to the proce Performance Standard (NSPS) a d FED-01 for each rule that applies.	ss.		1 .			. <u> </u>	
6. Is a New Source Attach a complete 40 CFR Part 60,	ederal rules that apply to the proce Performance Standard (NSPS) a d FED-01 for each rule that applies. Subpart	ss. applicable to	this source?				. <u> </u>	
6. Is a New Source Attach a complete 40 CFR Part 60, 7. Is a National En	ederal rules that apply to the proce Performance Standard (NSPS) of FED-01 for each rule that applies. Subpart hission Standard for Hazardous	ss. applicable to Air Pollutant	this source?			ïis	☐ Yes	⊠ N
 6. Is a New Source Attach a complete 40 CFR Part 60, 7. Is a National Ensource? Attach a 	ederal rules that apply to the proce Performance Standard (NSPS) a d FED-01 for each rule that applies. Subpart hission Standard for Hazardous A completed FED-01 for each rule that a	ss. applicable to Air Pollutant	this source?) appl		is	☐ Yes	⊠ N
 Is a New Source Attach a complete. 40 CFR Part 60, Is a National Ensource? Attach a 40 CFR Part 61, 	ederal rules that apply to the proce Performance Standard (NSPS) a d FED-01 for each rule that applies. Subpart hission Standard for Hazardous A completed FED-01 for each rule that a	ss. applicable to Air Pollutant	this source?) appl		Ü S	☐ Yes	⊠ N
 Is a New Source Attach a complete 40 CFR Part 60, Is a National Ensource? Attach a 40 CFR Part 61, 40 CFR Part 63, Non-Applicabili 	ederal rules that apply to the proce Performance Standard (NSPS) a d FED-01 for each rule that applies. Subpart hission Standard for Hazardous A completed FED-01 for each rule that a Subpart Subpart Subpart Provide an exp	ss. applicable to Air Pollutant applies. lanation if the	this source?) appl	icable to th		Yes	⊠ N
 Is a New Source Attach a complete 40 CFR Part 60, Is a National Ensource? Attach a 40 CFR Part 61, 40 CFR Part 63, Non-Applicabili 	ederal rules that apply to the proce Performance Standard (NSPS) a d FED-01 for each rule that applies. Subpart hission Standard for Hazardous A completed FED-01 for each rule that a Subpart Subpart	ss. applicable to Air Pollutant applies. lanation if the	this source? s (NESHAP) appl	icable to th		Yes	⊠ N
 Is a New Source Attach a complete 40 CFR Part 60, Is a National Ensource? Attach a 40 CFR Part 61, 40 CFR Part 63, Non-Applicabili 	ederal rules that apply to the proce Performance Standard (NSPS) a d FED-01 for each rule that applies. Subpart hission Standard for Hazardous A completed FED-01 for each rule that a Subpart Subpart Subpart Provide an exp	ss. applicable to Air Pollutant applies. lanation if the	this source? s (NESHAP) appl	icable to th		Yes	
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	PART A: Process Info	ormation
Par us∈	art A identifies the process. If there are multiple process units tha se one form to summarize the data for the identical process units.	it are identical in nature, capacity, and use, you may
1.	. Unit ID: Unit 803 (Cooling Tower 8)	2. Installation Date: TBD (actual or anticipated)
3.	How many (identical) process ⊠ One ☐ Mo	ore than one (specify number):
4.	Process Description:	
	New Cooling Tower	
5 .	. Maximum Production Rate (specify units): 90000.00	GPM
<u> </u>	Fuel Used: Not Applicable Natural Gas Only	Other – Attach completed PI-02F form.
7.	Add-On Control Technology: Identify all control technologies use	ed for this unit, and attach completed CE-01 (unless "none").
	None	
	Baghouse / Fabric Filter – Attach CE-02.	Cyclone — Attach CE-03.
	☐ Electrostatic Precipitator – Attach CE-04.	Absorption / Wet Collector / Scrubber – Attach CE-05.
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	☑ Other (specify): Drift Eliminator –	Attach CE-10.
8.	Control Techniques: Identify all control techniques used for th	is process
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9.00	Process Limitations / Additional Information: Identify any a information if necessary. N/A	cceptable process limitations. Attach additional
2		

	PART B: I	Emission Fa	ctors			
Part B identifies all en	nission factors used to calculate air	emissions fr	om this proc	ess.		
10. Process Unit (& ID, if applicable)			sion	13. Source of Emission Factor (if not using AP-42, include calculations)		
		value	units			
Cooling Tower 8 (Unit 803)	Please refer to Appendix C.			☐ AP-42 ☐ Other		
				☐ AP-42 ☐ Other		
				AP-42 Other		
				☐ AP-42 ☐ Other		
				☐ AP-42 ☐ Other		
				☐ AP-42 ☐ Other		
to the second se	DART C. D.	ocessed Ma	veriale.			
Date Calculation	Annual Maria Annual					
The Arman State Commence	naterials processed and the raw ma	iteriai usage.				
14. Materials Proces				15. Raw Materials Usage Rate (lb/hr)		
Fresh/Process Wa	ater			90000.00 GPM		
THE THE PROPERTY OF THE PROPER				and the second s		
		TOTAL CONTROL OF THE PROPERTY				
	PART D: Fede	ral Rule Ap	plicability			
Part D identifies any fe	ederal rules that apply to the proce	ss.				
16. Is a New Source Attach a completed	Performance Standard (NSPS) a I FED-01 for each rule that applies.	applicable to	this source?	Yes ⊠ No		
40 CFR Part 60,				- T		
17. Is a National Em	ission Standard for Hazardous A completed FED-01 for each rule that a		s (NESHAP)) applicable to this ☐ Yes ☑ No		
40 CFR Part <u>61</u> ,	Subpart					
40 CFR Part <u>63</u> ,	Subpart					
18. Non-Applicabilit		lanation if the I not apply:	e process un	it appears subject to a rule (based on		
				7		
				(Control of the Control of the Contr		
				· ·		



State Form 52534 (2-06)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM - Office of Air Quality - Permits Branch 100 N. Senate Avenue, Indianapolis, IN 46204

Telephone: (317) 233-0178 or
Toll Free: 1-800-451-6027 x30178 (within Indiana)
Facsimile Number: (317) 232-6749
www.IN.gov/idem/air/permits/index.html

- The purpose of this form is to obtain detailed information about the process. Complete one form for each process unit (or group of identical process units). This is required form.
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	PART A: Process Information					
Part A identifies the process. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.						
use	e one form to summanze the data for t	ne identical process uni	18.	<u> </u>		
1.	Unit ID: Unit 801 (HU Cooling To	wer)	2. Installation Date: TB	D		
3.	How many <i>(identical)</i> process units are identified in this form?	⊠ One □	More than one (specify number):			
4.	Process Description					
	New Cooling Tower					
	Ü			•		
5.	Maximum Production Rate (specify	units): 14000.00	GPM			
	Fuel Used: Not Applicable	☐ Natural Gas Only	☐ Other – Attach completed P	PI-02F form.		
7.	Add-On Control Technology: Identii	y all control technologies	used for this unit, and attach comp	pleted CE-01 (unless "none").		
	None					
	Baghouse / Fabric Filter - Attach C.	<i>E-0</i> 2.	Cyclone - Attach CE-03.			
	☐ Electrostatic Precipitator – Attach C	E-04.	☐ Absorption / Wet Collector	/ Scrubber – Attach CE-05.		
	Oxidizer / Incinerator – Attach CE-06	5.	Adsorber – Attach CE-07.			
	Condenser – Attach CE-08.		Reduction - Attach CE-09.			
	◯ Other (specify): Drift Eliminator		– Attach CE-10.			
8.	Control Techniques: Identify all con	trol techniques used for	this process.	V. 100		
	N/A		The state of the s	The state of the s		
	107.					
			2 2 1 1 2 2 4 4 4 4 4 4 4 4			
9.	Process Limitations / Additional In	and the control of th		ns. Attach additional		
1.35%	information if necessary.					
	N/A			:		
t.						
1						

	PART B:	Emission Factors	
Part B identifies all en	nission factors used to calculate ai	r emissions from this pro	cess.
10. Process Unit (& ID, if applicable)	11. Air Pollutant	12. Emission Factor value units	13. Source of Emission Factor (if not using AP-42, include calculations)
HU Cooling Tower (Unit 801)	Please refer to Appendix C.		☐ AP-42 ☐ Other
	,		AP-42 Other
			AP-42 Other
	The state of the s		AP-42 Other
			AP-42 Other
			AP-42 Other
14. Materials Proces Fresh/Process W			15. Raw Materials Usage Rate (lb/hr) 14000.00 GPM
	PART D: Fed	eral Rule Applicability	
Part D identifies any f	ederal rules that apply to the proce	ess.	
	e Performance Standard (NSPS) d FED-01 for each rule that applies.	applicable to this source	? ☐ Yes ☒ No
40 CFR Part 60,			7 - Brain A Secret Series P
	nission Standard for Hazardous a completed FED-01 for each rule that		P) applicable to this ☐ Yes ☒ No
40 CFR Part <u>61</u> ,	Subpart		
40 CFR Part <u>63</u> ,			asione no particione a a se en termo mas e se successiva de la composición de la composición de la composición
	ity Determination: Provide an exp ne source category), but the rule w		nit appears subject to a rule (based on
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	PART A: Process I	nformation						
Part A identifies the process. If there are multiple process units that are identical in nature, capacity, and use, you may								
use	use one form to summarize the data for the identical process units.							
1.	Unit ID : Unit 240 (FCU 600)	2. Installation Date: 1946 (actual or anticipated)						
3.	3. How many (identical) process Units are identified in this form?							
4.	Process Description:							
	Fluid Catalytic Cracking Unit 600							
23								
5.	Maximum Production Rate (specify units): 66,000 kbd							
. 7.	Fuel Used: ☐ Not Applicable ☐ Natural Gas Only Add-On Control Technology: Identify all control technologies to	☑ Other – Attach completed PI-02F form. used for this unit, and attach completed CE-01 (unless "none").						
	None							
	☐ Baghouse / Fabric Filter — Attach CE-02.	Cyclone – Attach CE-03.						
	☑ Electrostatic Precipitator – Attach CE-04*.	Absorption / Wet Collector / Scrubber – Attach CE-05.						
	Oxidizer / Incinerator — Attach CE-06.	Adsorber – Attach CE-07.						
	Condenser – Attach CE-08.	Reduction – Attach CE-09.						
	Other (specify):	— Attach CE-10.						
8.	Control Techniques: Identify all control techniques used for	this process,						
	N/A							
į								
9. Process Limitations / Additional Information: Identify any acceptable process limitations. Attach additional information if necessary.								
	N/A							
1								
1								

^{*} Note no modifications to the existing electrostatic precipitator are being made as part of the project. Therefore, Form CE-04 has not been included as part of this application.

	PART B: I	Emission F	actors	
Part B identifies all en	nission factors used to calculate air	emissions	from this proce	ss.
10. Process Unit	11. Air Pollutant	12. Emission Factor		13. Source of Emission Factor
(& ID, if applicable)		value	units	(if not using AP-42, include calculations)
FCU 600	Please refer to Appendix C.			☐ AP-42 ☐ Other
				☐ AP-42 ☐ Other
		A PARTITION		☐ AP-42 ☐ Other
				☐ AP-42 ☐ Other
		***************************************		☐ AP-42 ☐ Other
	ı			☐ AP-42 ☐ Other
				☐ AP-42 ☐ Other
14. Materials Proces Gas Oil	naterials processed and the raw massed	ateriai usagi		15. Raw Materials Usage Rate (lb/hr) 66,000.00 kbd
	PART D: Fed	eral Rule A		
Part D identifies any f	ederal rules that apply to the proce	ess.		<u>在1000年,华州藩县国家联络中国科学</u>
	e Performance Standard (NSPS) d FED-01 for each rule that applies.	applicable t	o this source?	⊠ Yes □ No
40 CFR Part 60,	Subpart <u>VV, GGG, QQQ</u>	25	2	
	nission Standard for Hazardous completed FED-01 for each rule that		nts (NESHAP)	applicable to this ⊠ Yes ⊡ No
40 CFR Part 61,	Subpart FF			
40 CFR Part <u>63</u> ,	Subpart CC, UUU			
	ty Determination: Provide an expose source category), but the rule wi		he process unit	appears subject to a rule (based on



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PART A: Process Information							
Part A identifies the process. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.							
1.	Unit ID: Marine Dock Loading	2. Installation Date: (actual or anticipated)					
3.	How many <i>(identical)</i> process ☐ One ☐	More than one (specify number):					
4.	Process Description	સ્તુપાલ મામલેલો જ એવ્યું અમાં તાલા જુવાનું માટે કુલ અમાર્લિક માનું માનું કુલ મ _ા મા લે					
	Existing Marine Loading Dock: Vapor control equipment with	Il be applied to gasoline loading activities.					
5.	Maximum Production Rate (specify units): 4,000,000 b	bl/yr gasoline loaded					
	Fuel Used: ⊠ Not Applicable ☐ Natural Gas Only						
7.	Add-On Control Technology: Identify all control technologies	THE ACTUAL WOOD SEED SEED STREET, AND THE CONTRACTOR OF THE CONTRA					
	None						
	Baghouse / Fabric Filter – Attach CE-02.	Cyclone – Attach CE-03.					
	☐ Electrostatic Precipitator – Attach CE-04.	☐ Absorption / Wet Collector / Scrubber — Attach CE-05.					
	Oxidizer / Incinerator — Attach CE-06.	Adsorber – Attach CE-07.					
	Condenser – Attach CE-08.	Reduction - Attach CE-09.					
E-1-13	Other (specify): Vapor control/recovery unit	Attach CE-10.					
8.	8. Control Techniques: Identify all control techniques used for this process.						
	N/A						
İ							
9.	Process Limitations / Additional Information: Identify an information if necessary.	ny acceptable process limitations. Attach additional					
	N/A						
	N/A						
i Ž							

0. Process Unit	nission factors used to calculate a	12. Emission Factor		T	Source of Emission Factor (if not using AP-42, include calculations,
		value	units		
Marine Dock Loading	Please refer to Appendix C.				☐ AP-42 ☐ Other
					☐ AP-42 ☐ Other
					AP-42 Other
					☐ AP-42 ☐ Other
					AP-42 Other
					AP-42 Other
	PART C: I	Processed N	laterials		
art C identifies the r	naterials processed and the raw n	naterial usage	. Na visi		
1. Materials Proces	sed			15	Raw Materials Usage Rate (lb/h
Gasoline Product		<u> </u>		3	4,000,000 bbl/yr loaded
· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		-
				ŧ	
	·				
		deral Rule Ap			
	ederal rules that apply to the proc	cess.	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1	
. Is a New Source	rederal rules that apply to the proc e Performance Standard (NSPS	cess.	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1	<u>an an a</u>
i. Is a New Sourc Attach a complete	ederal rules that apply to the process Performance Standard (NSPS) d FED-01 for each rule that applies.	cess.	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1	<u>an an a</u>
5. Is a New Source Attach a complete 40 CFR Part 60,	ederal rules that apply to the process Performance Standard (NSPS) description of the standard for each rule that applies. Subpart	cess.	this source	*	☐ Yes ☑ N
6. Is a New Source Attach a complete 40 CFR Part 60, 7. Is a National En	ederal rules that apply to the process Performance Standard (NSPS) d FED-01 for each rule that applies.	cess.) applicable to Air Pollutar	this source	*	☐ Yes ☑ N
6. Is a New Source Attach a complete 40 CFR Part 60, 7. Is a National En	rederal rules that apply to the process Performance Standard (NSPS) of FED-01 for each rule that applies. Subpart nission Standard for Hazardous completed FED-01 for each rule that	cess.) applicable to Air Pollutar	this source	*	☐ Yes ☑ N
6. Is a New Source Attach a complete 40 CFR Part 60, 7. Is a National En	e Performance Standard (NSPS d FED-01 for each rule that applies. Subpart nission Standard for Hazardous completed FED-01 for each rule that	cess.) applicable to Air Pollutar	this source	*	☐ Yes ☑ N
5. Is a New Source Attach a complete 40 CFR Part 60, 7. Is a National En source? Attach a 40 CFR Part 61, 40 CFR Part 63, 8. Non-Applicabili	e Performance Standard (NSPS d FED-01 for each rule that applies. Subpart nission Standard for Hazardous completed FED-01 for each rule that Subpart FE	cess. applicable to Air Pollutant applies.	this source) app	☐ Yes ☒ N
6. Is a New Source Attach a complete 40 CFR Part 60, 7. Is a National En source? Attach a 40 CFR Part 61, 40 CFR Part 63, 8. Non-Applicabili	e Performance Standard (NSPS d FED-01 for each rule that applies. Subpart nission Standard for Hazardous completed FED-01 for each rule that Subpart FE Subpart CC ity Determination: Provide an ex-	cess. applicable to Air Pollutant applies.	this source) app	☐ Yes ☒ N
6. Is a New Source Attach a complete 40 CFR Part 60, 7. Is a National En source? Attach a 40 CFR Part 61, 40 CFR Part 63, 8. Non-Applicabili	e Performance Standard (NSPS d FED-01 for each rule that applies. Subpart nission Standard for Hazardous completed FED-01 for each rule that Subpart FE Subpart CC ity Determination: Provide an ex-	cess. applicable to Air Pollutant applies.	this source) app	☐ Yes ☒ N
5. Is a New Source Attach a complete 40 CFR Part 60, 7. Is a National En source? Attach a 40 CFR Part 61, 40 CFR Part 63, 8. Non-Applicabili	e Performance Standard (NSPS d FED-01 for each rule that applies. Subpart nission Standard for Hazardous completed FED-01 for each rule that Subpart FE Subpart CC ity Determination: Provide an ex-	cess. applicable to Air Pollutant applies.	this source) app	☐ Yes ☒ N



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PART A: Process Information							
Part A identifies the process. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.							
1.	Unit ID: Unit 162 (Sulfur Recovery Complex)	2. Installation Date: (actual or anticipated)					
3.	How many (identical) process	ore than one (specify number):					
4.	Process Description:						
	Sulfur Recovery Unit - Tail Gas Units: The Sulfur Recovery Unit will consist of five trains (3 existing Claus Trains [A, B, and C] and 2 new Claus Trains [D, E]). These sulfur recovery trains are vented directly to the Claus Offgas Treater (COT) Units. The COTs each have a thermal oxidizer.						
5.	Maximum Production Rate (specify units): 1,300 LTPD						
	Fuel Used: ☐ Not Applicable ☐ Natural Gas Only	Other – Attach completed PI-02F form.					
7.	Add-On Control Technology: Identify all control technologies us	ed for this unit, and attach completed CE-01 (unless "none").					
	⊠ None						
	Baghouse / Fabric Filter — Attach CE-02.	Cyclone – Attach CE-03.					
	☐ Electrostatic Precipitator – Attach CE-04.	Absorption / Wet Collector / Scrubber – Attach CE-05.					
	Oxidizer / Incinerator — Attach CE-06.	Adsorber – Attach CE-07.					
	Condenser – Attach CE-08.	Reduction – Attach CE-09.					
440	Other (specify):	- Attach CE-10.					
8.	Control Techniques: Identify all control techniques used for the	his process.					
	Control is inherent in the design of the tail gas units.						
9.	Process Limitations I Additional Information: Identify any a information if necessary. N/A	acceptable process limitations. Attach additional					
j							

PART B: Emission Factors							
Part B identifies all emission factors used to calculate air emissions from this process.							
10. Process Unit (& ID, if applicable)	11. Air Pollutant	12. Emission Factor	13. Source of Emission Factor (if not using AP-42, include calculations)				
		value units					
Sulfur Recovery Complex	Please refer to Appendix C.		☐ AP-42 ☐ Other				
			☐ AP-42 ☐ Other				
			AP-42 Other				
			☐ AP-42 ☐ Other				
			AP-42 Other				
			☐ AP-42 ☐ Other				
			☐ AP-42 ☐ Other				
AND THE COURSE OF THE COURSE O			☐ AP-42 ☐ Other				
			☐ AP-42 ☐ Other				
ga en la lagra de la colta	<u></u>	Processed Materials					
Part C identifies the m	naterials processed and the raw m	aterial usage.					
14. Materials Proces	sed		15. Raw Materials Usage Rate (lb/hr)				
SRU Offfgas			1300 LTPD				
	AMEANIAN SERVICE SERVI		\				
	DART D. Foo	eral Rule Applicability					
Part D identifies any f	ederal rules that apply to the proc						
16. Is a New Source	Performance Standard (NSPS)		? ⊠ Yes □ No				
	d FED-01 for each rule that applies.		1 - 1902 (1913 1				
	Subpart J, VV, GGG, QQQ						
■ B The state of	nission Standard for Hazardous completed FED-01 for each rule that	보고하는 보고에 하는 그런 그리고 그 모든 하는 그리고 함께 하네 그는 사람들	') applicable to this ⊠ Yes ☐ No				
40 CFR Part <u>61</u> ,	Subpart						
40 CFR Part <u>63,</u> Subpart <u>UUU</u>							
18. Non-Applicability Determination : Provide an explanation if the process unit appears subject to a rule (based on the rule title or the source category), but the rule will not apply.							